

ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

Address:NO. 3, Yanhe Road, Boshan, Zibo, Shandong, China
Email:wp@cnjingganrefractory.com/sdwenping@163.com
Contact:Rose Tel/Wechat:+86-13275332819
Tel:86-533-4188518 Fax:86-533-4188518

Andalusite High Alumina Brick for Hot Blast Stove



1,Product description:

Andalusite is a columnar structure, which is heated to 1300℃~1350℃ and transformed into acicular mullite, forming a good mullite network structure, which is an irreversible crystal transformation. Therefore, high alumina brick with andalusite calcined raw material has good high temperature resistance, fire resistance above 1800℃, good quench and heat resistance, high mechanical strength, strong impact resistance and slag resistance. It has very high chemical stability (even insoluble in hydrofluoric acid acid solution), strong chemical corrosion resistance, and is one of the high quality refractories. Andalusite high alumina brick can reduce fuel consumption and save more than 40% of consumption compared with ordinary refractories.

2, Index:

Item	JA-55	JA-60
Al ₂ O ₃ %	≥55	≥60
Fe ₂ O ₃ %	<1.0	≤1.1
K ₂ O + Na ₂ O %	≤1.0	≤0.5
Apparent porosity %	≤24	≤20
Bulk density g/cm ³	≥2.40	≥2.45
Cold crushing strength Mpa	≥40	≥49
Modulus of rupture Mpa	≥15	≥17
Refractoriness under load KD,℃	T ₂ ≥1580	≥1600

ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

Creep 0.2Mpa×50h %	1450℃x(20-50)h ≤0.2	1350℃x(20-50)h≤0.3
Permanent linear change %	1500℃×4h ±0.2	1450℃×2h ±0.2
Thermal shock resistance ,times	≥20	≥20

3,Product characteristics:

- 1)High temperature resistance, refractoriness under load $T \geq 1580^{\circ}\text{C}$.
- 2) The creep rate is low, $1450^{\circ}\text{C} \times 20-50\text{h}, \leq 0.2\%$.
- 3) Good thermal shock resistance, 1100°C , water cooling, ≥ 20 times
- 4) High purity, $\text{Fe}_2\text{O}_3\% \leq 1.1$, $\text{K}_2\text{O} + \text{Na}_2\text{O}\% \leq 1.0$
- 5) The product has good high temperature stability and small change rate of high temperature reheating line.

4,Product Application:

- 1) regenerator of hot blast stove
- 2) Glass Furnace
- 3) Steelmaking Furnace
- 4) Kiln furniture bricks

5,Advantages of our company:

- 1),Our company was founded in 2013 and has been engaged in the production, management and trade of refractory products.
- 2),Mr. Wang, the manager of the company, has been engaged in the technical and trade work of refractory products since 1990. He has rich experience and can provide users with free technical services.
- 3),Our factory has been producing andalusite products for more than ten years with mature experience and complete product quality control system.
- 4),Provide free samples to users

6,About our production and application of andalusite bricks:

- 1) The andalusite bricks we produce are corundum-andalusite bricks, high-purity andalusite bricks, andalusite mullite bricks, bauxite andalusite bricks, etc. The shape of the products are straight bricks, special-shaped bricks, lattice bricks, mainly imported andalusite raw materials.
- 2) The high purity andalusite bricks and andalusite series bricks produced by us adopt multi-stage proportioning, more than 300 tons of automatic brick pressing machine, and they are fired at high temperature above 1450 degrees Celsius. Therefore, the product has high density, high strength, good thermal shock stability, good resistance to atmosphere and slag corrosion. It has been widely used in blast furnace, hot blast stove, torpedo tank truck and other equipment.

ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

3) All along, the products are supplied to Shanghai Baosteel Group, Shougang Group, WISCO, TISCO, Baotou Steel and other users, and exported to Asia, Europe and other countries.

4) We have complete product quality testing equipment and perfect quality control system.

7, Product packaging:

use safe, firm and moisture-proof packing suitable for land and sea transportation

8, Our service:

1) Provide free technical advice for users

2) Free for users to provide product application description

3) Free for users to provide product configuration design scheme

4) Free for users to provide sample, for user testing

9, Our advantages

1) Professional, with more than 20 years of refractory production and operation, stronger technical exchanges and services

2) We have our own Refractory material product production cooperation factory

3) We have our own Graphite Electrode product production cooperation factory

10. Good feedback of product use effect, the products have been exported to South Korea, Japan, Russia, Oman, Morocco and India

11. The manufacturer is a professional manufacturer and can provide complete product index test reports or third-party test reports.

Do you want to find a professional supplier of refractory products?

Do you want to find a professional supplier of graphite electrodes?

Do you want to find a stable and credible supplier?

ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

Then let's contact with jingan company

Contact me:

Email:wp@cnjingganrefractory.com/sdwenping@163.com

TEL: 86-0533-4188518 / **FAX:** 86-0533-4188518

Rose:+86-13275332819(wechat/whatsapp number)